

FIG. 1
PRIOR ART

$$\mathbf{t}_l = [01-1-111-11-11-1-1-1-1-111-1-11-11-111110\dots \\ \dots 011-1-111-11-1111111-1-111-11-11111]$$

FIG. 2
PRIOR ART

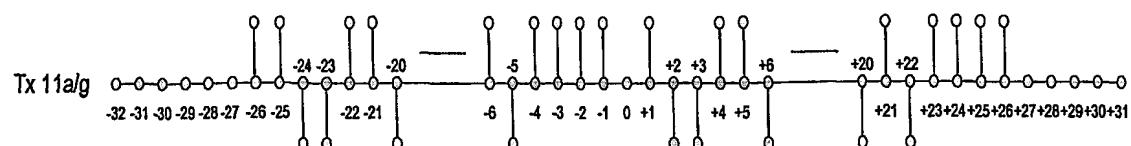


FIG. 3

PRIOR ART

$$\begin{aligned}\mathfrak{t}_l^1 &= [0 \ 1 \ 0 \ 0 \ 1 \ 0 \ 0 \ 1 \ 0 \ 0 \ -1 \ 0 \ 0 \ -1 \ 0 \ \dots] \\ \mathfrak{t}_l^2 &= [0 \ 0 \ -1 \ 0 \ 0 \ 1 \ 0 \ 0 \ -1 \ 0 \ 0 \ -1 \ 0 \ 0 \ -1 \ 0 \ \dots] \\ \mathfrak{t}_l^3 &= [0 \ 0 \ 0 \ -1 \ 0 \ 0 \ -1 \ 0 \ 0 \ 1 \ 0 \ 0 \ -1 \ 0 \ 0 \ \dots]\end{aligned}$$

FIG. 4

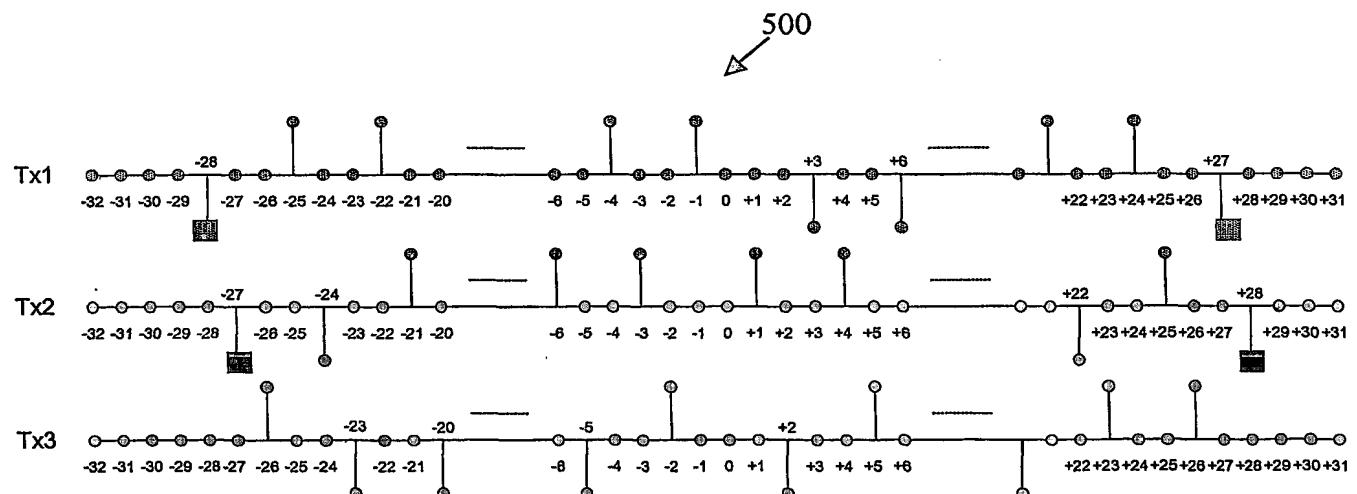
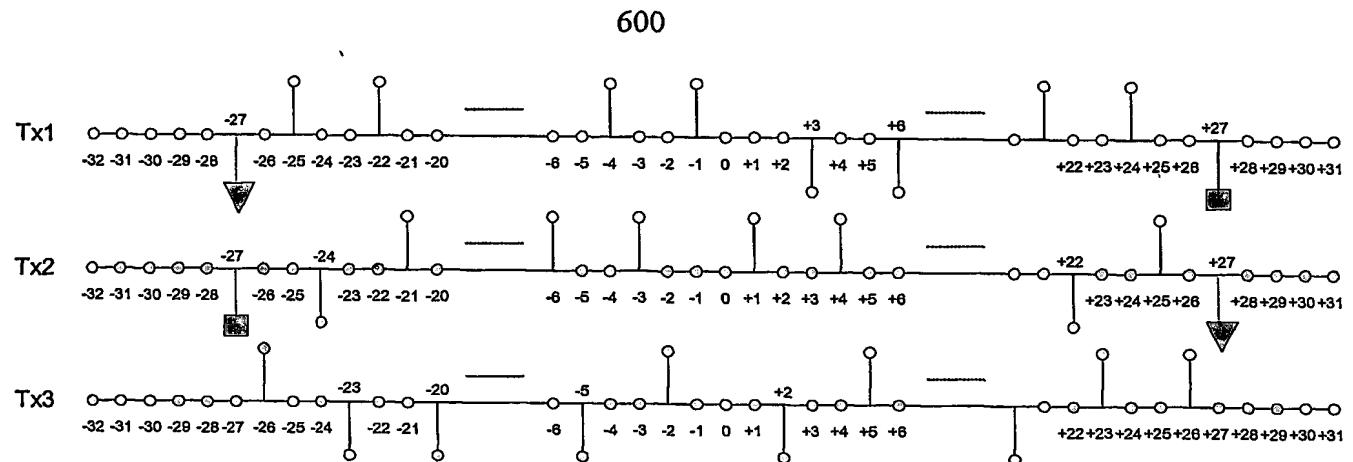


FIG. 5

**FIG. 6**

$$\begin{aligned} T_x^1 & \left[\begin{array}{cccccccccc} 1 & 0 & 0 & 1 & 0 & 0 & 1 & \dots & 0 & 0 & 1 \end{array} \right] \\ T_x^2 & \left[\begin{array}{cccccccccc} 0 & 1 & 0 & 0 & 1 & 0 & 0 & \dots & 1 & 0 & 0 \end{array} \right] \\ T_x^3 & \left[\begin{array}{cccccccccc} 0 & 0 & 1 & 0 & 0 & 1 & 0 & \dots & 0 & 1 & 0 \end{array} \right] \end{aligned}$$

$$R_x \left[H_1^1 \quad H_2^2 \quad H_3^3 \quad H_4^1 \quad H_5^2 \quad H_6^3 \quad H_7^1 \quad \dots \quad H_{50}^2 \quad H_{51}^3 \quad H_{52}^1 \right]$$

FIG. 7

800

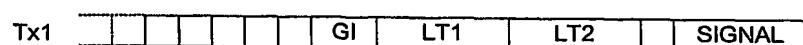


FIG. 8
PRIOR ART

900

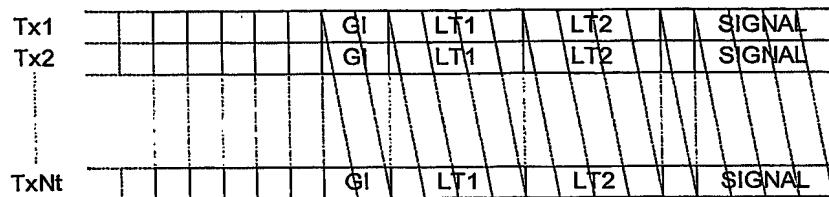


FIG. 9

$$\mathbf{T}_x^1 \begin{bmatrix} 1 & 0 & 1 & 0 & 1 & 0 & 1 & \dots & 0 & 1 & 0 \\ 0 & 1 & 0 & 1 & 0 & 1 & 0 & \dots & 1 & 0 & 1 \end{bmatrix}$$

$$\mathbf{R}_x^1 \begin{bmatrix} H_1^1 & 0 & 0 & H_4^2 & 0 & 0 & H_7^1 & \dots & 0 & 0 & H_{52}^2 \\ 0 & H_2^2 & 0 & 0 & H_5^1 & 0 & 0 & \dots & H_{50}^2 & 0 & 0 \\ 0 & 0 & H_3^1 & 0 & 0 & H_6^2 & 0 & \dots & 0 & H_{51}^1 & 0 \end{bmatrix}$$

FIG. 10

1100

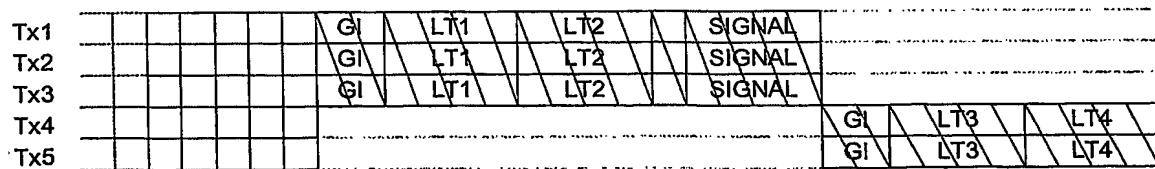
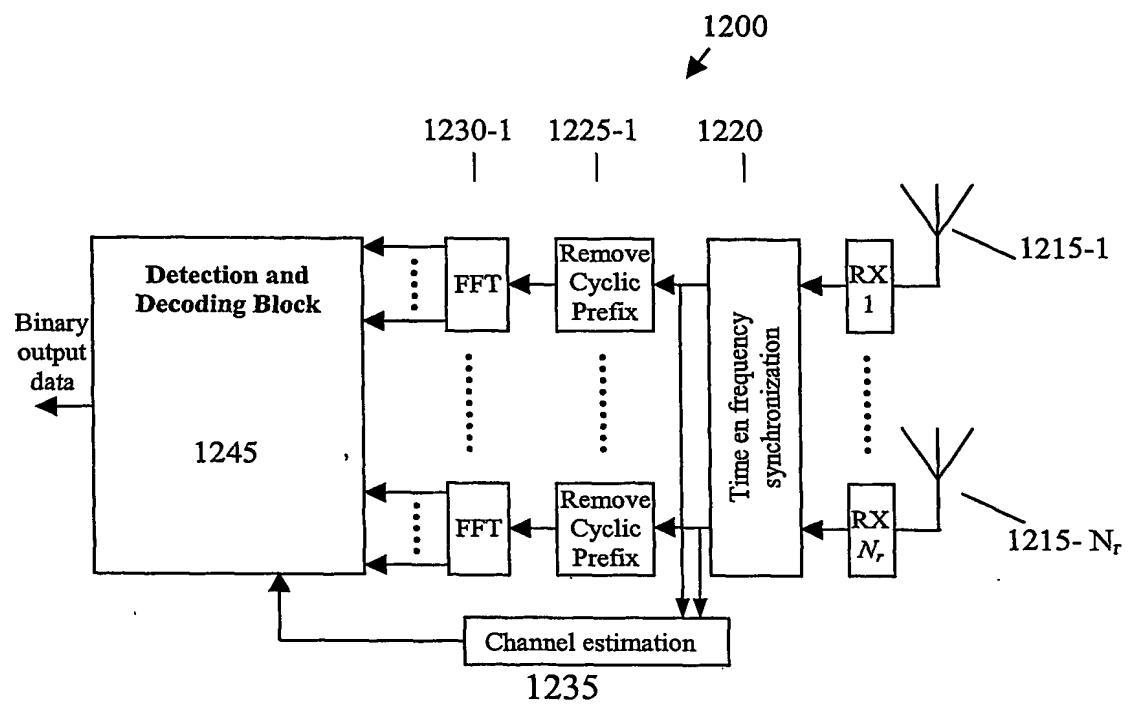


FIG. 11

**FIG. 12**